

50227

From: Davis, Katharine (AU1636)  
Sent: Wednesday, December 05, 2001 5:33 PM  
To: STIC-Biotech/ChemLib  
Subject: Sequence Search Request

Attachment  
to FOAM  
# paper 5

Hello

Please search SEQ ID NOS 1, 7, 8, 9, 10 and 13 of case 09/713,794 against the commercial databases only, no interference search at this time. Thanks!

Katharine Davis  
605-1195  
Crystal Mall 1  
11A16  
Art Unit 1636  
Mailbox 11E12

## TYPE OF SEARCH:

Searcher: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Location: \_\_\_\_\_  
Date Picked Up: \_\_\_\_\_  
Date Completed: 12/10/01  
Searcher Prep/Review: \_\_\_\_\_  
Clerical: \_\_\_\_\_  
Online time: \_\_\_\_\_

NA Sequences: \_\_\_\_\_  
AA Sequences: \_\_\_\_\_  
Structures: \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: \_\_\_\_\_  
Full text: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

## VENDOR/COST(where applic.)

STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
Questel/Orbit: \_\_\_\_\_  
DRLink: \_\_\_\_\_  
Lexis/Nexis: \_\_\_\_\_  
Sequence Sys.: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other (specify): \_\_\_\_\_

```

### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 3106900061...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
***** HHHHHHHH SSSSSSS?
### Status: Signing onto Dialog
*****
ENTER PASSWORD:
***** HHHHHHHH SSSSSSS?pwz0bgdt *****
Welcome to DIALOG
### Status: Connected

Dialog level 02.02.11D

Last logoff: 10mar02 18:05:26
Logon file001 11mar02 10:29:17
*** ANNOUNCEMENT ***
***
--Connect Time joins DialUnits as pricing
options on Dialog. See HELP CONNECT for
information.
***
--SourceOne patents are now delivered to your
email inbox as PDF replacing TIFF delivery.
See HELP SOURCE1 for more information.
***
--Important news for public and academic
libraries. See HELP LIBRARY for more information.
***
--Important Notice to Freelance Authors--
See HELP FREELANCE for more information
***
For information about the access to file 43 please see Help News43.
***
NEW FILES RELEASED
***TRADEMARKSCAN-Japan (File 669)
***
UPDATING RESUMED
***Delphes European Business (File 481)
***
RELOADED
***CLAIMS/US PATENTS (Files 340, 341, 942)
***Kompass Western Europe (590)
***D&B - Dun's Market Identifiers (516)

REMOVED
***Washington Post will be removed on 3/16/2002 (File 146)
***Books in Print (File 470)
***Court Filings (File 793)
***Microcomputer Software Guide Online (File 278)
***Publishers, Distributors & Wholesalers of the U.S. (File 450)
***State Tax Today (File 791)
***Tax Notes Today (File 790)
***Worldwide Tax Daily (File 792)

***New document supplier***
IMED has been changed to INFOTRIE (see HELP OINFOTRI)

>>>Get immediate news with Dialog's First Release
news service. First Release updates major newswire
databases within 15 minutes of transmission over the
wire. First Release provides full Dialog searchability
and full-text features. To search First Release files in
OneSearch simply BEGIN FIRST for coverage from Dialog's
broad spectrum of news wires.

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Attachment  
to FOAM  
paper # 5

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<  
>>> of new databases, price changes, etc. <<<

\*\*\*\*

KWIC is set to 50.  
HIGHLIGHT set on as '\*'  
\*\*\*\*

\*\*\*\*

File 1:ERIC 1966-2002/Feb 05  
(c) format only 2002 The Dialog Corporation

Set Items Description

--- -----

Cost is in DialUnits

?b 434, 5, 155

11mar02 10:29:24 User259980 Session D191.1

\$0.32 0.092 DialUnits File1

\$0.32 Estimated cost File1

\$0.32 Estimated cost this search

\$0.32 Estimated total session cost 0.092 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

File 5:Biosis Previews(R) 1969-2002/Mar W1

(c) 2002 BIOSIS

File 155:MEDLINE(R) 1966-2002/Mar W1

Set Items Description

--- -----

?s codon(w)us?(s)yeast

>>>File 5 processing for US? stopped at USUSALLY

>>>File 155 processing for US? stopped at USTAWIENIU

52424 CODON

6938762 US?

194417 YEAST

S1 234 CODON(W)US?(S)YEAST

?s s1 and (replace? or modif?)

234 S1

280609 REPLACE?

648820 MODIF?

S2 20 S1 AND (REPLACE? OR MODIF?)

?rd

...completed examining records

S3 12 RD (unique items)

?t/3/all

3/3/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

11697640 BIOSIS NO.: 199800479371

The correlation between synonymous and nonsynonymous substitutions in  
Drosophila: Mutation, selection or relaxed constraints?

AUTHOR: Comeran Josep M(a); Kreitman Martin

AUTHOR ADDRESS: (a)Dep. Ecology Evolution, Univ. Chicago, 1101 E. 57th St.,  
Chicago, IL 60637\*\*USA

JOURNAL: Genetics 150 (2):p767-775 Oct., 1998

ISSN: 0016-6731

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

3/3/2 (Item 2 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2002 BIOSIS. All rts. reserv.

11445360 BIOSIS NO.: 199800226692

Production of the carotenoids lycopene, beta-carotene, and astaxanthin in  
the food yeast Candida utilis.

AUTHOR: Miura Yutaka(a); Kondo Keiji; Saito Toshiko; Shimada Hiroshi;  
Fraser Paul D; Misawa Norihiko  
AUTHOR ADDRESS: (a)Central Lab. Key Technol., Kirin Brewery Co. Ltd.,  
1-13-5 Fukuura, Kanazawa-ku, Yokohama-shi, Ka\*\*Japan  
JOURNAL: Applied and Environmental Microbiology 64 (4):p1226-1229 April,  
1998  
ISSN: 0099-2240  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/3 (Item 3 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11399249 BIOSIS NO.: 199800180581  
Expression of a chromosomally integrated, single-copy GFP gene in *Candida albicans*, and its use as a reporter of gene regulation.  
AUTHOR: Morschhaeuser J(a); Michel S; Hacker J  
AUTHOR ADDRESS: (a)Zent. Infektionsforschung, Univ. Wuerzburg, Roentgenring  
11, D-97070 Wuerzburg\*\*Germany  
JOURNAL: Molecular & General Genetics 257 (4):p412-420 Feb., 1998  
ISSN: 0026-8925  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/4 (Item 4 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

11037526 BIOSIS NO.: 199799658671  
Cloning and expression of the DELTA-9 fatty acid desaturase gene from  
*Cryptococcus curvatus* ATCC 20509 containing histidine boxes and a  
cytochrome b-5 domain.  
AUTHOR: Meesters P A E P; Springer J; Eggink E(a)  
AUTHOR ADDRESS: (a)Agrotechnol. Res. Inst., P.O. Box 17, 6700 AA Wageningen  
\*\*Netherlands  
JOURNAL: Applied Microbiology and Biotechnology 47 (6):p663-667 1997  
ISSN: 0175-7598  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/5 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10565169 BIOSIS NO.: 199699186314  
The relation between \*codon\* \*usage\*, base correlation and gene expression  
level in *Escherichia coli* and \*yeast\*.  
AUTHOR: Li Hong; Luo Liaofu  
AUTHOR ADDRESS: Lab. Theoretical Phys. Biol., Inner Mongolia Univ., Hohhot  
010021\*\*China  
JOURNAL: Journal of Theoretical Biology 181 (2):p111-124 1996  
ISSN: 0022-5193  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/6 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

10384146 BIOSIS NO.: 199699005291  
Elimination of introns at the *Drosophila* suppressor-of-forked locus by  
P-element-mediated gene conversion shows that an RNA lacking a stop codon  
is dispensable.

AUTHOR: Williams Carol J; O'Hare Kevin(a)  
AUTHOR ADDRESS: (a)Dep. Biochem., Imperial Coll. Sci. Technol. Med.,  
Imperial College Rd., South Kensington, London\*\*UK  
JOURNAL: Genetics 143 (1):p345-351 1996  
ISSN: 0016-6731  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/7 (Item 7 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

09350736 BIOSIS NO.: 199497359106  
Open reading frames in the antisense strands of genes coding for glycolytic  
enzymes in *Saccharomyces cerevisiae*.  
AUTHOR: Boles E; Zimmermann E K(a)  
AUTHOR ADDRESS: (a)Inst. Mikrobiologie, Technische Hochschule Darmstadt,  
Schnittspahnstr. 10, D-64287 Darmstadt\*\*Germany  
JOURNAL: Molecular & General Genetics 243 (4):p363-368 1994  
ISSN: 0026-8925  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

3/3/8 (Item 8 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

05739077 BIOSIS NO.: 000084087484  
CODON \*REPLACEMENT\* IN THE PGK-1 GENE OF *SACCHAROMYCES-CEREVISIAE*  
EXPERIMENTAL APPROACH TO STUDY THE ROLE OF BIASED CODON USAGE IN GENE  
EXPRESSION  
AUTHOR: HOEKEMA A; KASTELEIN R A; VASSER M; DE BOER H A  
AUTHOR ADDRESS: DEP. CELL GENETICS, GENENTECH INC., SOUTH SAN FRANCISCO,  
CALIF. 94080.  
JOURNAL: MOL CELL BIOL 7 (8). 1987. 2914-2924. 1987  
FULL JOURNAL NAME: Molecular and Cellular Biology  
CODEN: MCEBD  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

3/3/9 (Item 9 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2002 BIOSIS. All rts. reserv.

03878943 BIOSIS NO.: 000075057016  
CORRELATION BETWEEN THE ABUNDANCE OF YEAST *SACCHAROMYCES-CEREVISIAE*  
TRANSFER RNA SPECIES AND THE OCCURRENCE OF THE RESPECTIVE CODONS IN  
PROTEIN GENES DIFFERENCES IN SYNONYMOUS CODON CHOICE PATTERNS OF YEAST  
AND *ESCHERICHIA-COLI* WITH REFERENCE TO THE ABUNDANCE OF ISO ACCEPTING  
TRANSFER RNA SPECIES  
AUTHOR: IKEMURA T  
AUTHOR ADDRESS: DEPARTMENT OF BIOPHYSICS, FACULTY OF SCIENCE, KYOTO  
UNIVERSITY, KYOTO 606, JAPAN.  
JOURNAL: J MOL BIOL 158 (4). 1982. 573-598. 1982  
FULL JOURNAL NAME: Journal of Molecular Biology  
CODEN: JMOBA  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

3/3/10 (Item 1 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)

10751555 98318052 PMID: 9655346  
Design, total synthesis, and functional overexpression of the *Candida*  
*rugosa* lip1 gene coding for a major industrial lipase.

Brocca S; Schmidt-Dannert C; Lotti M; Alberghina L; Schmid RD  
Institut fur Technische Biochemie, Universitat Stuttgart, Germany.  
Protein science (UNITED STATES) Jun 1998, 7 (6) p1415-22, ISSN  
0961-8368 Journal Code: BNW  
Languages: ENGLISH  
Document type: Journal Article  
Record type: Completed

3/3/11 (Item 2 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)

06507122 89114391 PMID: 3217790  
Chemical synthesis and cloning of secretin gene.  
Qian SW; Chen CQ; Li ZP  
Division of Molecular Genetics, Shanghai Institute of Biochemistry,  
Academia Sinica.  
Scientia Sinica. Series B, Chemical, biological, agricultural, medical &  
earth sciences (CHINA) Jun 1988, 31 (6) p687-94, ISSN 0253-5823  
Journal Code: UIW  
Languages: ENGLISH  
Document type: Journal Article  
Record type: Completed

3/3/12 (Item 3 from file: 155)  
DIALOG(R)File 155:MEDLINE(R)

05542308 88040421 PMID: 2444925  
Translation and stability of an Escherichia coli beta-galactosidase mRNA  
expressed under the control of pyruvate kinase sequences in Saccharomyces  
cerevisiae.  
Purvis IJ; Loughlin L; Bettany AJ; Brown AJ  
Institute of Genetics, University of Glasgow, UK.  
Nucleic acids research (ENGLAND) Oct 12 1987, 15 (19) p7963-74,  
ISSN 0305-1048 Journal Code: O8L  
Languages: ENGLISH  
Document type: Journal Article  
Record type: Completed

?logoff

11mar02 10:31:10 User259980 Session D191.2  
\$1.38 0.081 DialUnits File434  
\$1.38 Estimated cost File434  
\$2.41 0.430 DialUnits File5  
\$15.75 9 Type(s) in Format 3  
\$15.75 9 Types  
\$18.16 Estimated cost File5  
\$1.64 0.512 DialUnits File155  
\$0.63 3 Type(s) in Format 3  
\$0.63 3 Types  
\$2.27 Estimated cost File155  
OneSearch, 3 files, 1.023 DialUnits FileOS  
\$0.13 TYMNET  
\$21.94 Estimated cost this search  
\$22.26 Estimated total session cost 1.114 DialUnits

### Status: Signed Off. (2 minutes)

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	19 same codon\$	22	<u>L10</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	modif\$ near2 yeast\$	498	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	17 same yeast\$	332	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	modif\$ same codon\$	4397	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	13 same l5	36	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	codon\$ near2 yeast\$	321	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	13 same yeast\$	200	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	replace\$ same codon\$	3011	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	11 same (recode or prefer\$)	37	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	codon usage same yeast\$	200	<u>L1</u>

Attachment  
to paper #5  
FOAM

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show & Numbers](#)[Edit & Numbers](#)[Preferences](#)**Search Results -**

Term	Documents
CODON\$	0
CODON.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	18818
CODONA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
CODONAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
CODONAND.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
CODOND.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
CODONE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	12
CODONER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
CODONER GAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
CODONER GAL-J-V.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
(L9 SAME CODON\$ ).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	22

[There are more results than shown above. Click here to view the entire set.](#)

**Database:**

US Patents Full-Text Database  
US Pre-Grant Publication Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Refine Search:**

19 same codon\$

[Clear](#)**Search History****Today's Date: 12/11/2001**